

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050150

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07K 7/64, A61K 38/12, A61P 35/00 // C07K 14/81, A61K 38/55
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07K, A61K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, BIOSIS, MEDLINE, EMBASE, REGISTRY, DGENE, EBI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02076491 A1 (LICENTIA LTD), 3 October 2002 (03.10.2002), the whole document --	1-19
A	Björklund M. et al., "Use of Intein-Directed Biosynthesis to Improve Serum Stability and Bioactivity of a Gelatinase Inhibitory Peptide", Combinatorial Chemistry & High Throughput Screening, 2003, Vol. 6, pages 29-35 --	1-19
A	Dagar S. et al., "VIP receptors as molecular targets of breast cancer: implications for targeted imaging and drug delivery", Journal of Controlled Release, 2001, Vol. 74, pages 129-134 --	1-19

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

16-02-2005

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INTERNATIONAL SEARCH REPORT

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PCT/FI 2004/050150

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,Y	WO 2004029245 A1 (CTT CANCER TARGETING TECHNOLOGIES OY), 8 April 2004 (08.04.2004), page 18, line 10 - page 19, line 15, claims 12,20, 22 --	1-19
P,Y	B. Kuhnast et al, "Targeting of gelatinase activity with radiolabeled cyclic HMGF peptide", Nuclear Medicine and Biology, Volume 31, 2004, pages 337-344 -- -----	1-19

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.: 8-9 and 10 (only partly)
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 8-10 relate to a method of treatment of the human or animal body by surgery or by therapy, as well as diagnostic methods /Rule 39.1(iv). .../...
2. ☒ Claims Nos.: 1-3, 6, 8, 10, 11, 13, 15, 18-19 (all partly)
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
.../...
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Box II

1.

Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compositions.

2.

Present claims 1-3, 6, 8, 10-11, 13, 15 and 18-19 relate to different applications of an extremely large number of possible peptides due to the expression "or a derivate thereof". In fact, the claims contain so many possible peptides that a lack of clarity [and conciseness] within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claims impossible.

Consequently, the search has been carried out for those parts of the application which appear to be clear [and concise], namely the derivatives mentioned in claims 4, 7, 9, 12, 14 and 16-17.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established will not be the subject of an international preliminary examination (Rule 66.1(e) PCT). This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/FI 2004/050150

WO	02076491	A1	03/10/2002	BR	0208681 A	30/03/2004
				CA	2441227 A	03/10/2002
				CZ	20032805 A	16/06/2004
				EE	200300467 A	15/12/2003
				EP	1372694 A	02/01/2004
				FI	113840 B	00/00/0000
				FI	20010620 A	27/09/2002
				HU	0303649 A	28/01/2004
				IL	158114 D	00/00/0000
				JP	2004529127 T	24/09/2004
				NO	20034280 A	25/11/2003
				SK	12982003 A	03/08/2004
				US	20040213833 A	28/10/2004

WO	2004029245	A1	08/04/2004	FI	20021726 D	00/00/0000
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